

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/003806

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D243/38 A61K31/551 A61P3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KAGECHIKA H ET AL: "RETINOID X RECEPTOR-ANTAGONISTIC DIAZEPINYLBENZOIC ACIDS" CHEMICAL AND PHARMACEUTICAL BULLETIN, PHARMACEUTICAL SOCIETY OF JAPAN. TOKYO, JP, vol. 47, no. 12, December 1999 (1999-12), pages 1778-1786, XP002950512 ISSN: 0009-2363 the whole document, in particular figure 2, chart 1 and page 1783, column 1, lines 16-27	1-12
Y	EP 1 036 565 A (INST OF MEDICINAL MOLECULAR DE) 20 September 2000 (2000-09-20) cited in the application	1-12
X	paragraphs '0005!, '0025!; claims	10

-/-

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

20 August 2004

Date of mailing of the international search report

01/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Hanisch, I

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/003806

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 906 907 A (INST OF MEDICINAL MOLECULAR DE) 7 April 1999 (1999-04-07) cited in the application paragraphs '0003!', '0004!; claims; compounds 6,20,26	1-12
X	WO 02/072528 A (GERNERT DOUG LINN ; MAPES CHRISTOPHER M (US); MICHELLYS PIERRE-YVES (U) 19 September 2002 (2002-09-19) page 6, line 18 - line 27; claims page 9, line 11 - line 24 page 15, line 24 - page 16, line 16	10
X	WO 00/53562 A (HOFFMANN LA ROCHE) 14 September 2000 (2000-09-14) page 4, line 16 - page 8, line 12 page 10, line 12 - page 11, line 20; claim 14	10

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/003806

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: —
because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 12 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/003806

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1036565	A	20-09-2000	JP 11171776 A	29-06-1999
			AU 1352099 A	28-06-1999
			CA 2312716 A1	17-06-1999
			EP 1036565 A1	20-09-2000
			US 6458782 B1	01-10-2002
			WO 9929324 A1	17-06-1999
EP 0906907	A	07-04-1999	AT 214055 T	15-03-2002
			AU 7001596 A	09-04-1997
			DE 69619711 D1	11-04-2002
			DE 69619711 T2	17-10-2002
			DK 906907 T3	22-04-2002
			EA 2123 B1	24-12-2001
			EP 0906907 A1	07-04-1999
			NO 981269 A	20-05-1998
			CA 2233012 A1	27-03-1997
			CN 1202160 A ,B	16-12-1998
			WO 9711061 A1	27-03-1997
			JP 10059951 A	03-03-1998
			TW 420667 B	01-02-2001
			US 6121256 A	19-09-2000
			US 5929069 A	27-07-1999
			US 2001039272 A1	08-11-2001
WO 02072528	A	19-09-2002	CA 2438874 A1	19-09-2002
			EP 1368296 A1	10-12-2003
			WO 02072528 A1	19-09-2002
WO 0053562	A	14-09-2000	WO 0053562 A1	14-09-2000
			AT 266616 T	15-05-2004
			AU 762492 B2	26-06-2003
			AU 3032099 A	28-09-2000
			BR 9917205 A	26-12-2001
			CA 2366186 A1	14-09-2000
			DE 69917332 D1	17-06-2004
			EP 1161410 A1	12-12-2001
			JP 2002539106 T	19-11-2002